



The Game of Pipes

“The Game of Pipes” is a mathematics activity where students wander through a maze of pipes as various water-related pieces. Each game contains a water use practice that either wastes or conserves water, adding or subtracting from their initial 500 gallons of water. The winner is either the first student to reach the Beaver Creek Wastewater Treatment Plant, or the student with the most gallons of water remaining at the end of time allotted for play.

Objective: Identify human activities that waste and conserve water.

Materials: game board, calculation page, game pieces, scissors, one die per group.

Procedure:

1. Each player must select a game piece.
2. Determine the order of play.
3. Player one rolls the die.
4. Pick a direction and move game piece appropriate number of spaces.
5. Complete mathematical task of adding or subtracting gallons of water.
6. Complete the additional directions to move forward or backwards.
7. Move on to the next player.

Game Pieces

